| Ref<br># | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|--|---------------------|---------|------------------|
| L1       | 0    | 708/313.clas. and multiplex\$3  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/07/27 09:38 |
| L2       | 0    | 708/313.clas. and multiplexer   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/07/27 09:38 |
| L3       | 220  | 708/313.ccls. and multiplex\$3  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/07/27 10:11 |
| L4       | 32   | L3 and (interpolator and decimator)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/07/27 10:11 |
| L5       | 27   | ("4707824"   "4924492"   "5351087"   "5353279"   "5396517"   "5418849"   "5512898"   "5604769"   "5610909"   "5631899"   "5668794"   "5732107"   "5748126"   "5809033"   "5841809"   "5926505"   "5970137"   "6208671"   "6240128"   "6389064"   "6434233"   "6526139"   "6532289"   "6573940"   "6597787"   "6628738").PN. OR ("6970511"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ                 | ON      | 2007/07/27 09:56 |
| L6       | 0    | multiplelxer and (interpolator and decimator)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/07/27 10:11 |
| L7       | 372  | multiplexer and (interpolator and decimator)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/07/27 10:11 |

| L8  | 93    | L7 and (integrator or differentiator)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/27 10:11 |
|-----|-------|---|--|-----|-----|------------------|
| S3  | 2     | (("6401230") or ("6600788")).PN.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2007/07/24 16:29 |
| S7  | 5     | multi-channel integrator\$1   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/24 16:40 |
| S8  | 101   | integrator\$1 and differentiator and decimator  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/26 09:54 |
| S10 | 56012 | ((multi-stage) or (multi stage)<br>decimator\$1)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/26 08:53 |
| S11 | 261   | S10 and interpolator\$1   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/07/26 08:53 |
| S12 | 18    | ("4835723"   "4872129"  <br>"4881191").PN. OR ("4999798").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON  | 2007/07/26 09:00 |
| S13 | 11    | ("4736242"   "4972356"   "4999798"<br>  "5084702"   "5103229").PN. OR<br>("5327133").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON  | 2007/07/26 09:05 |
| S14 | 28    | ("4472785"   "4775851"   "4872129"<br>  "4876542"   "4972360"  <br>"4999626"   "5079734"   "5157395"<br>  "5220327"   "5339263"  <br>"5450083"   "5455782"  <br>"5455783").PN. OR ("5590065").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON  | 2007/07/26 09:06 |
| S15 | 21    | ("4509037"   "4680810"   "4872129"<br>  "4972356"   "4999798"  <br>"5012244"   "5070310"   "5148167"<br>  "5166642"   "5208594").PN. OR<br>("5689449").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON  | 2007/07/26 09:07 |

| S16 | 52   | ("4590457"   "4704600"   "4849662"   "4851841"   "4876542"   "4918454"   "4920544"   "4939516"   "5027306"   "5039989"   "5055843"   "5061928"   "5065157"   "5068660"   "5079550"   "5148166"   "5148167"   "5153593"   "5157395"   "5162799"   "5184130"   "5189419"   "5198817"   "5208597"   "5210537"   "5274375"   "5283578"   "5298900"   "5311181"   "5590065"   "5617344").PN. OR ("5751615"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON | 2007/07/26 09:08 |
|-----|------|---|--|-----|----|------------------|
| S17 | 14   | ("4851841"   "4920544"   "4999798"<br>  "5043933"   "5061928"  <br>"5079734"   "5148166"  <br>"5455782").PN. OR ("5835390").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON | 2007/07/26 09:13 |
| S18 | 34   | ("6023565"   "6026220"   "6120549"<br>  "6173245"   "6216258").PN. OR<br>("6401230").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON | 2007/07/26 09:14 |
| S19 | 7    | ("4954824"   "4999798"   "5187482"<br>  "5751615"   "6014682"  <br>"6034628"   "6163787").PN. OR<br>("6829629").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON | 2007/07/26 09:25 |
| S20 | 101  | integrator\$1 and differentiator and decimator  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 09:54 |
| S21 | 76   | S20 and delay   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:03 |
| S22 | 3509 | plurality near10 (delay elements)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 10:37 |
| S23 | 12   | S22 and (integrator and differentiator)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 12:53 |

| S24 | 0   | differentiator near "10" multiplexer  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 12:53 |
|-----|-----|---|--|-----|----|------------------|
| S25 | 889 | (differentiator or integrator) near10 multiplexer   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 12:53 |
| S26 | 549 | S25 and (delay or stage)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 12:54 |
| S27 | 60  | S26 and interpolat\$2   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 12:54 |
| S28 | 14  | ("4851841"   "4920544"   "4999798"<br>  "5043933"   "5061928"  <br>"5079734"   "5148166"  <br>"5455782").PN. OR ("5835390").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                     | ADJ | ON | 2007/07/26 13:02 |
| S29 | 220 | 708/313.ccls. and multiplex\$3  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:04 |
| S30 | 194 | S29 and (delay or stage)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:04 |
| S31 | 128 | S30 and (integrat\$3 or differentiat\$3)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:19 |

| S32 | 58213 | ((multi-stage) or (multi stage)) or<br>((multi-channel) or (multi channel))<br>interpolator | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:24 |
|-----|-------|---|--|-----|----|------------------|
| S33 | 58212 | S32 and (delay or stage)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:24 |
| S34 | 14032 | S33 and (differentiat\$3 or integrat\$3)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/26 13:27 |
| S35 | 209   | S34 and "708".clas.   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/07/27 09:37 |